

HIGHLY WATER-ABSORBING COMPOSITION

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Abstract of JP63037143

PURPOSE: To provide the titled composition containing carboxymethylcellulose and a polyvalent metal salt as essential components, having excellent water-absorptivity and gel properties of water-absorbed gel and free from syneresis.

CONSTITUTION: A composition containing carboxymethylcellulose and a polyvalent metal salt as essential components. The carboxymethylcellulose has a substitution degree of 0.3-2.8 and a viscosity of from 500cps (in an aqueous solution) to 10,000cps (as 1% aqueous solution). Both components are mixed together at a ratio to satisfy the formula $1/10 < n[M]/[-COOX] < 10$ wherein [M] is molar number of metal of the polyvalent metal salt, n is valence of metallic ion produced by the dissociation of said salt and [-COOX] is molar number of carboxyl group of the carboxymethylcellulose.